


**UTAH**  
Department of Transportation  
**ACCELERATED  
BRIDGE CONSTRUCTION**  
PHASE II: PRELIMINARY DEVELOPMENT WORKSHOP

## **UDOT ABC Overview**

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UDOT Project Development



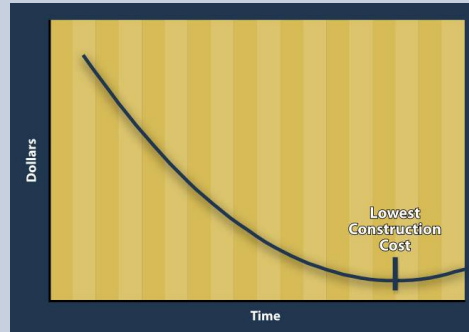
**UDOT**  
CONNECTING COMMUNITIES

## **Why ABC?**

- Minimized traffic disruption – from months to days
- Improved work zone safety – improved worker safety
- Improved product quality – controlled environment, cure times, easier access, etc.

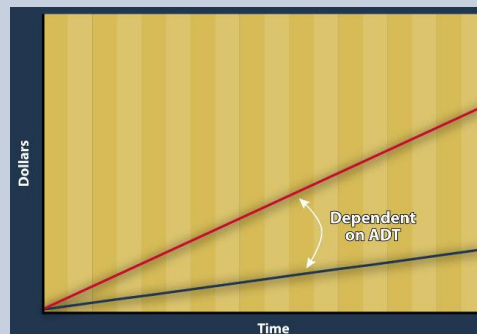
## Traditional Business Model

- Successful business model
- Existing interstate was constructed
- Competition determines the lowest construction cost
- Contractors select time and method



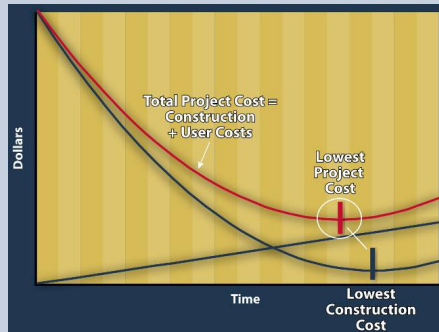
## Societal Costs

- Linear relationship
- Cost depends on volume of traffic
- Longer construction duration leads to increase impacts to users



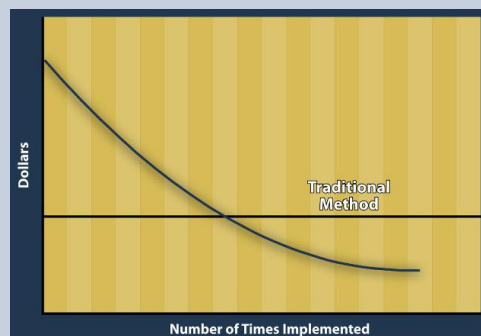
## New Business Model

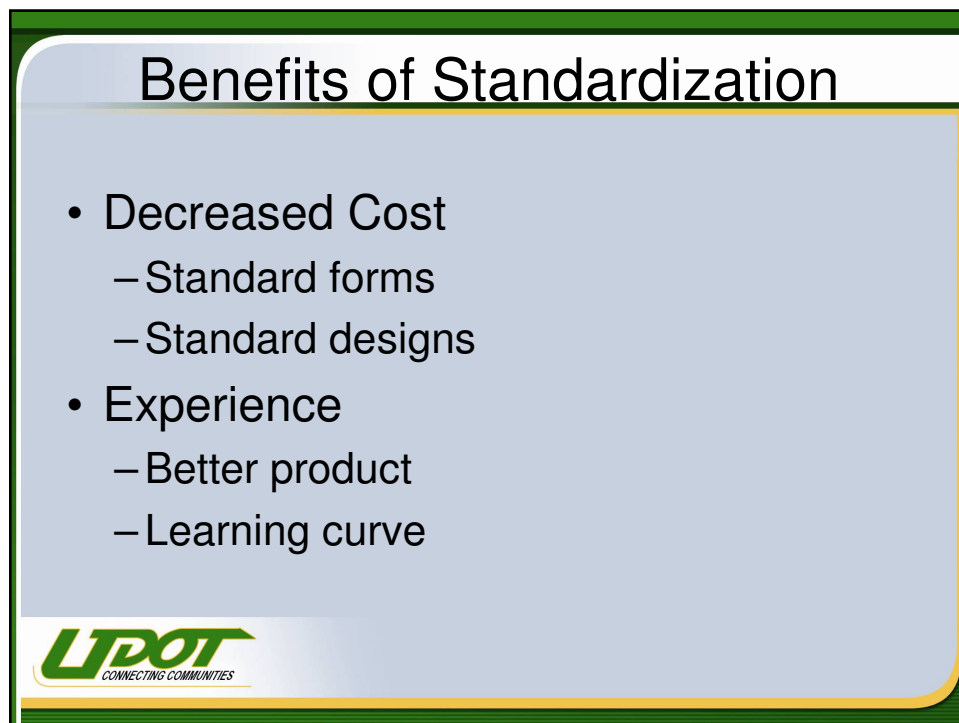
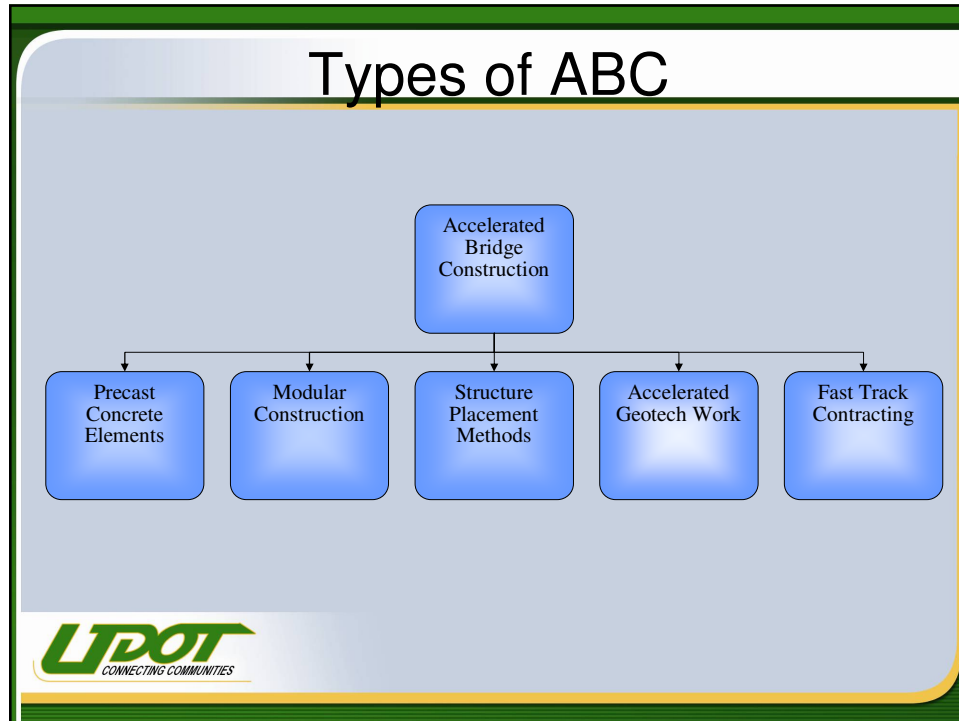
- New paradigm
- Lowest construction cost leads to lowest project cost
- Societal costs minimized
- Political capital
- Public praise



## Innovative Technology

- First implementations cost more
- Potential for new methods to cost less
- Promise of time savings
- Positive cost-benefit ratios





Questions?

